

Title (en)  
SENSING/EMITTING APPARATUS, SYSTEM AND METHOD

Title (de)  
ERFASSUNGS-/EMITTIERVORRICHTUNG, SYSTEM UND VERFAHREN

Title (fr)  
SYSTEME, PROCEDE ET APPAREIL DE DETECTION/EMISSION

Publication  
**EP 2318808 A4 20120215 (EN)**

Application  
**EP 09773057 A 20090702**

Priority  
• IL 2009000663 W 20090702  
• IL 19260108 A 20080703

Abstract (en)  
[origin: WO2010001402A1] A number of apparatuses are provided, for sensing and/or emitting energy along one or more desired apparatus line of sights (LOS) with respect to the respective apparatus. In at least one embodiment, the apparatus includes an assembly that is rotatably mounted on a base with respect to a switching axis. The assembly has two or more sensing/emitting units, each having a respective sensing/emitting unit line of sight (ULOS). Each sensing/emitting unit has an operative state, wherein the respective unit ULOS is pointed along a LOS of the apparatus for sensing and/or emitting energy along the LOS, and a corresponding inoperative state, where the respective unit ULOS is pointed along a direction different from this LOS. A switching mechanism enables switching between the sensing/emitting units to selectively bring a desired sensing/emitting unit exclusively into its respective operative state while concurrently bringing a remainder of the sensing/emitting units each to a respective non-operative state. Corresponding systems and methods are also provided.

IPC 8 full level  
**G01S 7/48** (2006.01); **G01S 7/481** (2006.01); **G01S 17/87** (2020.01); **G01S 17/89** (2020.01)

CPC (source: EP KR US)  
**G01C 23/00** (2013.01 - KR); **G01J 1/42** (2013.01 - EP US); **G01S 7/48** (2013.01 - EP US); **G01S 7/4813** (2013.01 - EP US); **G01S 13/56** (2013.01 - KR); **G01S 13/58** (2013.01 - KR); **G01S 13/86** (2013.01 - EP KR US); **G01S 17/87** (2013.01 - EP US); **G01S 17/89** (2013.01 - EP US)

Citation (search report)  
• [XYI] US 4158840 A 19790619 - SCHWAB CARL E  
• [XYI] US 5134409 A 19920728 - DE GROOT GERRIT [NL]  
• [Y] GB 1305011 A 19730131  
• [Y] US 6262800 B1 20010717 - MINOR LEWIS G [US]  
• See references of WO 2010001402A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010001402 A1 20100107**; BR PI0913944 A2 20151020; EP 2318808 A1 20110511; EP 2318808 A4 20120215; IL 192601 A 20140731; KR 101656111 B1 20160908; KR 101769727 B1 20170830; KR 20110034010 A 20110404; KR 20160106222 A 20160909; SG 192463 A1 20130830; US 2010141503 A1 20100610; US 2013092852 A1 20130418; US 8330646 B2 20121211; US 9188481 B2 20151117

DOCDB simple family (application)  
**IL 2009000663 W 20090702**; BR PI0913944 A 20090702; EP 09773057 A 20090702; IL 19260108 A 20080703; KR 20117002790 A 20090702; KR 20167024222 A 20090702; SG 2013051214 A 20090702; US 201213681089 A 20121119; US 45244009 A 20090702